AMENDMENTS TO THE CLAIMS

Claims 1, 3-11, 14-19 and 34-40 are pending.

Claim 33 is canceled herein.

Claims 2, 12, 13, 20-32 and 41 were previously canceled.

1. **(Previously Presented)** A method for processing a permission set associated with a code assembly received from a resource location to control execution of the code assembly, the method comprising:

receiving the permission set including at least one permission associated with the code assembly;

receiving a set of requestable permissions in association with the code assembly;

generating a grantable permission set from a subset of the permission set specified by the set of requestable permissions prior to run-time execution of the code assembly;

executing a first level of code assembly functionality if a first optional set of permissions specified in the requestable permission set is a subset of the permission set; and

executing a second level of code assembly functionality if a second optional set of permission specified in the requestable permission set is a subset of the permission set.

2. **(Canceled).**

3. **(Previously Presented)** The method of claim 1 wherein the generating operation comprises:

computing a logical set operation on the permission set and the set of requestable permissions to generate the grantable permission set.

4. **(Previously Presented)** The method of claim 1 further comprising:

comparing the permission set and a minimum permission condition specified by the set of requestable permissions; and

preventing loading of the code assembly, if the permission set fails to satisfy the minimum permission condition.

5. **(Previously Presented)** The method of claim 1 further comprising:

preventing execution of the code assembly, if the permission set fails to satisfy a minimum permission condition specified by the set of requestable permissions.

6. **(Original)** The method of claim 1 further comprising:

defining a code group collection based on a security policy specification, the code group collection including one or more code groups;

receiving evidence associated with the code assembly;

evaluating membership of the code assembly in the one or more code groups, based on the evidence; and

generating the permission set based on the membership of the code assembly in the one or more code groups.

7. **(Previously Presented)** The method of claim 1 wherein the set of requestable

permissions specifies a plurality of typed permission request sets, each typed permission request set specifying a distinct type of permission preference requested in association with the code assembly.

8. **(Previously Presented)** The method of claim 1 wherein the set of requestable permissions specifies a minimum permission condition in association with the code assembly.

9. **(Previously Presented)** The method of claim 8 wherein the generating operation comprises:

filtering the permission set based on the minimum permission condition to generate the grantable permission set, such that the grantable permission set includes a subset of the permission set.

10. **(Previously Presented)** The method of claim 8 further comprising:

preventing loading of the code assembly, if the minimum permission condition is not a subset of the permission set.

11. **(Previously Presented)** The method of claim 8 further comprising:

preventing execution of the code assembly, if the minimum permission condition is not a subset of the permission set.

12-13. **(Canceled)**.

14. **(Previously Presented)** The method of claim 1 wherein the set of requestable permissions specifies a refuse request set specifying a set of one or more permissions to be omitted from the grantable permission set associated with the code assembly.

15. **(Previously Presented)** The method of claim 14 further comprising:

omitting the set of one or more permissions specified by the refuse request set from the set of grantable permissions.

16. **(Previously Presented)** The method of claim 1 wherein the set of requestable permissions includes an optional request set specifying an optional set of permissions requestable in association with the code assembly and a minimum request set specifying a minimum set of permissions requestable in association with the code assembly, and wherein the generating operation comprises:

computing a union of the optional request set and the minimum request set to provide a maximum request set; and

computing an intersection of the maximum request set and the permission set.

17. **(Previously Presented)** The method of claim 16 wherein the set of requestable permissions further specifies a refuse request set specifying a set of one or more permissions to be omitted from the grantable permission set in associated with the code assembly, and wherein the generating operation further comprises:

subtracting the set of one or more permissions specified in the refuse request set from the intersection of the maximum request set and the permission set.

18. **(Previously Presented)** The method of claim 1 wherein the operation of receiving the set of requestable permissions comprises:

receiving the set of requestable permissions and the code assembly in a single network communication.

19. **(Previously Presented)** The method of claim 1 wherein the operation of receiving the set of requestable permissions comprises:

retrieving the set of requestable permissions in a network communication distinct from a network communication in which the code assembly is received.

20-33. **(Canceled).**

34. **(Previously Presented)** A computer program storage medium readable by a computer system and encoding a computer program for executing a computer process processing a permission set associated with a code assembly received from a resource location, the computer process comprising:

receiving the permission set including at least one permission associated with the code assembly;

receiving a set of requestable permissions in association with the code assembly;

filtering the permission set based on the set of requestable permissions prior to run-time execution of the code assembly;

executing a first level of code assembly functionality if a first optional set of permissions

specified in the requestable permission set is a subset of the permission set; and

executing a second level of code assembly functionality if a second optional set of permission specified in the requestable permission set is a subset of the permission set.

35. **(Previously Presented)** A computer program product encoding a computer program for executing on a computer system a computer process processing a permission set associated with a code assembly received from a resource location to control execution of the code assembly, the computer process comprising:

defining a code group collection based on a security policy specification, the code group collection including one or more code groups;

receiving evidence associated with the code assembly;

evaluating membership of the code assembly in the one or more code groups, based on the evidence;

generating the permission set based on the membership of the code assembly in the one or more code groups;

receiving a set of requestable permissions in association with the code assembly;

computing a logical set operation on the permission set and the set of requestable permissions to generate a grantable permission set before execution of the code assembly;

executing a basic functionality of the code assembly if an optional set of permissions specified in the set of requestable permissions is not a subset of the permission set; and

executing an enhanced functionality of the code assembly if the optional set of permissions specified in the set of requestable permissions is a subset of the permission set.

36. **(Previously Presented)** The computer program product of claim 35 wherein the set of requestable permissions includes an optional request set specifying an optional set of permissions requestable in association with the code assembly and a minimum request set specifying a minimum set of permissions requestable in association with the code assembly, and wherein the computing operation comprises:

computing a union of the optional request set and the minimum request set to provide a maximum request set; and

computing an intersection of the maximum request set and the permission set.

37. **(Previously Presented)** The computer program of claim 36 wherein the set of requestable permissions further specifies a refuse request set specifying a set of one or more permissions to be omitted from the grantable permission set in associated with the code assembly, and wherein the computing operation further comprises:

subtracting the set of one or more permissions specified in the refuse request set from the intersection of the maximum request set and the permission set.

38. **(Previously Presented)** The method of claim 1, wherein the set of requestable permissions comprise characteristics of the permissions needed by the code assembly.

39. **(Previously Presented)** The method of claim 1, further comprising controlling execution of the code assembly based upon the grantable permission set.

40. **(Previously Presented)** The method of claim 39, wherein controlling execution of the code assembly comprises:

receiving a permission request associated with the code assembly; and

selectively granting the requested permission as a function of the grantable permission set during run-time execution of the code assembly.

41. **(Canceled).**